



Attorney Reference: 015837-025817

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)

James Robl et al.)

Group Art Unit: 1632

Application No. 09/260,468)

Examiner: Jill Martin

Filed: March 2, 1999)

For: EMBRYONIC OR STEM-LIKE CELL)
LINES PRODUCED BY CROSS SPECIES)
NUCLEAR TRANSPLANTATION AND)
METHODS FOR ENHANCING)
EMBRYONIC DEVELOPMENT BY)
GENETIC ALTERATION OF DONOR)
CELLS OR BY TISSUE CULTURE)
CONDITIONS)

AMENDMENT AND REPLY

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In response to the Official Action [Non-Final Rejection] dated October 13, 2000, kindly enter the following amendments prior to further examination.

In the Claims

Kindly cancel claims 3, 20 and 31.

Kindly enter the following amended claims:

- Sub
B'
A'
1. (Amended) A method of producing embryonic or stem-like cells, wherein said cells comprise a nucleus derived from an adult differentiated cell and mitochondria from an oocyte of a species other than said adult differentiated cell, comprising the following steps:
- (i) inserting a differentiated human or mammalian cell or cell nucleus into an enucleated animal oocyte, wherein such oocyte is derived from a different animal species than the human or mammalian cell under conditions suitable for the formation of a nuclear transfer (NT) unit;